

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (currently amended) A system for applying pressure to a body limb, said system comprising:
  - a first sleeve comprising a cylindrical body open at both ends, having a foam lining, and being configured to be slid over the full length of the limb and to apply an inward pressure onto the limb; and
  - a second sleeve comprising a cylindrical body open at both ends and being configured to be slid wholly over the entire length of the first sleeve and to such that the second sleeve will have the same length as the first sleeve and will apply additional inward pressure along the full length of the limb when the second sleeve is in place over the first sleeve.
2. (original) A system as in claim 1, wherein at least the first sleeve has an outer surface with a low coefficient of friction.
3. (previously presented) A system as in claim 2, wherein at least the second sleeve consists essentially of thin fabric sleeves.
4. (previously presented) A system as in claim 3, wherein each of the sleeves independently provides an inward pressure in the range from 5 mmHg to 30 mmHg.
5. (currently amended) A system for applying pressure to an arm, said system comprising:
  - an innermost therapeutic pressure sleeve (TPS) comprising a cylindrical body open at both ends having ridges formed over an inner surface and configured to be slid over the entire length of the arm from the shoulder to the wrist and to apply an inward pressure thereon; and

at least a second sleeve comprising a cylindrical body open at both ends being configured to be slid wholly over the entire length of the TPS to such that the second sleeve will have the same length as the first sleeve and will apply additional inward pressure onto the limb when the second sleeve is in place over the first sleeve.

6. (previously presented) A system as in claim 5, wherein the TPS has an outer surface with a low coefficient of friction.

7. (original) A system as in claim 6, further comprising at least a third sleeve configured to be slid over the second sleeve to apply additional inward pressure onto the limb.

8. (previously presented) A system as in claim 7, wherein the second and third sleeves consist essentially of thin fabric sleeves.

9. (previously presented) A system as in claim 8, wherein each of the TPS and sleeves independently provide an inward pressure in the range from 5 mmHg to 30 mmHg when placed over the arm.

10. (previously presented) A system as in claim 1, wherein the first sleeve is configured to cover an arm from the wrist to near the shoulder.